

What is claimed is:

1. A controlling apparatus of a mobile communication terminal using electrostatic detection, comprising:

5 an electrostatic detector for sensing a voltage at a higher than predetermined level and outputting it as a logic signal;

a display unit for displaying screen data stored in an internal memory;

a memory unit for storing in real time the screen data displayed by the display unit; and

10 a controller for recognizing occurrence of static electricity through an output of the electrostatic detector and resetting the display unit if the screen data stored in the memory unit and the screen data displayed on the display unit are different.

15 2. The apparatus of claim 1, wherein the electrostatic detector comprises:

a diode which forwardly conducts at a voltage greater than a predetermined value;

20 a resistor for reducing a voltage of an electrostatic signal which has passed through the diode to an internally acceptable voltage; and

a logic circuit unit for outputting a logic signal by using the voltage-dropped electrostatic signal.

3. The apparatus of claim 2, wherein the logic circuit unit comprises:

25 an RC delay circuit for delaying a setup time of the electrostatic signal

which has passed the resistor; and

a flip-flop for receiving the resistor-passed electrostatic signal and a signal of the RC delay circuit and outputting a logic signal.

5 4. The apparatus of claim 3, wherein the flip-flop is a D type flip-flop.

5. The apparatus of claim 3, wherein the flip-flop provides the logic signal to a general port of the controller and then receives a reset signal from the controller.

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6. The apparatus of claim 1, wherein the controller resets the display unit and the electrostatic detector.

7. A controlling method of a mobile communication terminal using
15 electrostatic detection, comprising:

recognizing occurrence of static electricity;;

comparing screen data stored in a memory unit and screen data stored in an internal memory of a display unit; and

resetting the display unit if the compared screen data are different.

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8. The method of claim 7, wherein the step of resetting the display unit further comprises:

resetting an electrostatic detector.

25 9. The method of claim 7, wherein the step of recognizing

occurrence of static electricity comprises:

a step in which if a voltage greater than a prescribed value is generated,
an electrostatic detector outputs a logic signal; and

5 a step in which a controller recognizes the occurrence of static electricity
upon receipt of the logic signal.

10. A controlling method of a mobile communication terminal using
electrostatic detection, comprising:

10 a step in which a voltage greater than a predetermined value is applied to
an electrostatic detector;

a step in which the electrostatic detector transmits a logic signal to a
controller;

a step in which screen data stored in a memory unit and screen data
stored in an internal memory of a display unit are compared; and

15 a step in which if the compared screen data are different, the display unit
and the electrostatic detector are reset.

11. The method of claim 10 further comprising:

a step in which if the compared screen data are identical, the operation
20 state of the display unit is continuously maintained.